N 499BS **Date** 7-8-11 **ACTT** 5888 **Lnd's** 5184

The following is a list of all scheduled inspections contained in the Learjet Inspection Program and the overall interval for each inspection.	Complied With	Due.
(1) Phases A1-6 Each A-Phase Due Every 300 Hours or 12 Months.	7-8-11	7-8-12
(2) Phases B1-6 Each B-Phase Due Every 600 Hours or 24 Months.	5-6-10	5-6-12
(3) Phases C1-6 Each C-Phase Due Every 1,200 Hours or 48 Months.	5-6-10	5-6-14
(4) Phases D1-6 Each D-Phase Due Every 2,400 Hours or 96 Months.	3-8-06	3-8-14
(5) 3,000 Landing Inspection - Due Every 3,000 Landings.	2973	5973
(6) Major Landing Gear Inspection - Due Every 6,000 Landings.		6000
(7) 12 Year Airframe Inspection - Due Every 12 Years or 6,000 Landings.	3-8-06	3-8-18
(8) 12,000 Hour Airframe Inspection - Initial Due at first 12,000 Hours/Repeat Due Every 6,000 Hours thereafter.		12000

Thrust Reversers Dee Howard Wing

300 Hour	N/A
600 Hour	"
1200 Hour	"
2400 Hour	"
12 Year	"

N 499BS **Date** 7-8-11 **ACTT** 5888 **Lnd's** 5184

				Complied With	**Due**
FAR 91.411	Altimeters System	L/H R/H Stby.		6-28-11	6-28-13
FAR 91.413	Transponder			6-28-11	6-28-13
RVSM	Avcon				
RVSM	Air Data	12 Month	24 Month	6-28-11	6-28-13
RVSM	Inspections	12 Month	24 Month	7-8-11	7-8-13
RVSM	Alt. Hold	12 Month	24 Month	7-8-11	7-8-13
First Aid Kit	12 Month			7-8-11	7-8-13
Weight & Bal	36 Month	135			NA
Register ELT	12 Month				owner
Clock Battery	12 Month				NA
Avionic Insp.	12 Month	135			NA
Fuel Cal.	12 Month	135			NA
Compass Card	12 Month	135			NA
Emer. Equip.	12 Month	135			NA
ICA's	Artex 406 ELT 12mo			7-8-11	7-8-12
	AD82-01-05 Accelerometer			5888	6108
	Artex 406 Battery			7-8-11	8-16

N 499BS **Date** 7-8-11 **ACTT** 5888 **Lnd's** 5184

ICA's	Complied With	Due

Engine # 1 S/N 211-038A Total Time 5852.5 Cycles 5184
CJ610-8A

300 Hour	5649	Due	5949
600 Hour	5649	Due	6249
1000 Hour	5649	Due	6649
5000 Hour O/H	5013	Due	10013
5 Year Corrosion	NA	Due	NA
10 Year Corrosion	7-14-10	Due	7-14-20
Compressor Cycle Parts		Due	6600 CSN

Engine # 2 S/N 211-037A Total Time 5853 Cycles 5184
CJ610-8A

300 Hour	5649	Due	5949
600 Hour	5649	Due	6249
1000 Hour	5013	Due	6013
5000 Hour O/H	5013	Due	10013
5 Year Corrosion	NA	Due	NA
10 Year Corrosion	5-18-09	Due	5-18-19
Compressor Cycle Parts		Due	6600 CSN

INSPECTION/CHECKS WITH SPECIAL REQUIREMENTS OR INSPECTION/CHECKS DUE AT OTHER INTERVALS

1. Description

A. This schedule is a list of inspection checks which do not correspond with the regularly scheduled inspections within the approved Learjet Manufacturer's Inspection Program or that have special requirements attached to the inspection item.

B. Items listed as due per a vendors recommended schedule will require research to determine the required inspection interval for that item and should be noted for future reference.

2. Inspection Items

IRN INSPECTION/CHECK INTERVAL

CABIN

P2561005 Perform inspection of life vest. Perform inspection in accordance with **Manufacturer's instructions** NA

R2620030 Perform ICC Hydrostatic Test of portable hand-held fire extinguisher. NOTE: Portable hand-held fire extinguishers may either be hydro. tested or replaced at this time.Initial time count for replacement or testing of this item shall commence from the manufacturing date stamped on the item. Amex C352 **12 Years** 2008 2020

COCKPIT

C2213007 Disassemble roll servo (clutch-type) (P/N 2380066). Clean and inspect for corrosion. Relubricate, assemble, and replace motor and clutch brushes as required. NOTE: In order to accomplish this requirement, the performing facility must possess Repair Manual No. RM-103, dated June 1982 (or later), applicable to P/N 2380066-11, -21, -26, -44, -47, -50, -51, -67, -69 thru -73, -75, and -79 thru -81.
600 Hours NA

C2213008 Replace roll servo (clutch-type) (P/N 2380066) bearings. NOTE: In order to accomplish this requirement, the performing facility must possess Repair Manual No. RM-103, dated June 1982 (or later), applicable to P/N 2380066-11, -21, -26, -44, -47, -50, -51, -67, -69 thru -73, -75, and -79 thru -81.
1,800 Hours NA

C2213009 Inspect, replace, or repair roll servo (clutch-type) (P/N2380066) commutator.NOTE: In order to accomplish this requirement, the performing facility must possess Repair Manual No. RM-103, dated June 1982 (or later), applicable to P/N 2380066-11, -21, -26, -44, -47, -50, -51, -67, -69 thru -73, -75, and -79 thru -81.
1,800 Hours NA

N3510015 Comply with factory overhaul of B/E Aerospace (Puritan-Bennett) crew oxygen masks (if installed).NOTE: On masks that have been in service for more than six years, comply with factory overhaul at the next 300 Hour/12 Month inspection.
174145-02 **6 Years** 2-07 2-13

ELECTRICAL

G1222001 Lead Acid Batteries - (Effective on Aircraft not equipped with captive electrolyte batteries.) Check or perform the following in accordance with battery manufacturer's service manual.
a. Service battery sump jar (if installed).
b. Liquid level check.
c. Top charge battery.
d. Perform battery capacity check or hydrometer test.
NOTE: Interval is the normal allowable period between maintenance activities, if no service interval is specifically recommended by the battery manufacturer. Because of varied flight profiles, certain servicing and maintenance activities may require a more frequent interval or may allow an extended interval, depending on environmental and operational requirements, and should be adjusted by individual operators. Operators should refer to their battery manufacturer's service manual for detailed maintenance instructions. **3 Months** N/A

G1222002 Lead Acid Batteries - *(Effective on Aircraft equipped with captive electrolyte batteries.)*
a. Service battery sump jar (if installed). Concord New 4-23-10
b. Perform battery capacity check.
Per manufacturer's instructions 7-8-11 10-8-11

P1222005 Ni-Cad Batteries - Check or perform the following in accordance with battery manufacturer's service manual. (Refer to 12-22-00 and 24-32-01.)
a. Liquid level check.
b. Perform complete discharge-recharge procedure.
c. Functional check of battery temperature system thermistors.
d. Function check battery 140°F and 160°F warning light temp.switches.
NOTE: Interval is the normal allowable period between maintenance activities, if no service interval is specifically recommended by the battery manufacturer. Because of varied flight profiles, certain servicing and maintenance activities may require a more frequent interval or may allow an extended interval, depending on environmental and operational requirements, and should be adjusted by individual operators. Operators should refer to their battery manufacturer's service manual for detailed maintenance instructions. **3 Months** NA

D1223000 Inspect Ni-Cad emergency power supply battery.
100 hours or 3 months or after 15 days of non-use 7-8-11 10-8-11

D1223001 Perform Ni-Cad emergency power supply battery discharge/recharge.
12 Months 7-8-11 7-8-12

F1223010 Perform operational check of PS-835 or PS-855 lead-acid emergency power supply battery. NOTE: Aircraft equipped with remote test switch may perform operational check as preflight check in lieu of 6 month requirement. **6 Months** NA

D1223015 Perform discharge check of PS-835 or PS-855, lead-acid emergency power supply battery. NOTE: Refer to J.E.T Maintenance Manual, TP-329 (PS-835) orTP-483 (PS-855) Perform discharge check. **12 months** NA

C1223021 Perform emergency exit and wing inspection light power supply battery discharge-recharge cycle. (Refer to 12-23-02.) **6 Months** NA

O1223040 Perform discharge-recharge reconditioning cycle of GNS-500A standby battery (if installed). **6 Months** NA

H2130007 Cabin Pressurization System - Perform Cabin Leak Rate Check. (Refer to 21-30-00.) NOTE: The cabin leak rate check is due 1200 hours from the date of the last 1200 Hour Inspection, Phase C1, or last 1200 Hour Cabin Leak Rate Check. **1,200 Hours** 5038 6238

H2431017 Battery Cables and Receptacles - Perform Battery Connector Inspection. (Refer to 24-32-01.) **300 Hours** 5888 6188

J2563001 Inspect Emergency Locator Transmitter (ELT) batteries (if installed). Perform functional test of ELT system (if installed). NOTE: Perform functional test in accordance with FAR 91.207. **12 Months** 7-8-11 7-8-12

F2565000 CVR/FDR Underwater Locator Beacon - Clean beacon switch, perform functional test of beacon, and perform test of ULB battery. *(Effective on aircraft equipped with CVR/FDR System.)* **2 Years** 5-6-10 5-6-12

EMPENNAGE

C2213010 Inspect, replace, or repair yaw servo (clutch-type) (P/N 2380066) commutator. NOTE: In order to accomplish this requirement, the performing facility must possess Repair Manual No. RM-103, dated June 1982 (or later), applicable to P/N 2380066-11, -21, -26, -44, -47, -50, -51, -67, -69 thru -73, -75, and -79 thru -81. **1,800 Hours** NA

C2213011 Inspect, replace, or repair pitch servo (clutch-type) (P/N 2380066) commutator. NOTE: In order to accomplish this requirement, the performing facility must possess Repair Manual No. RM-103, dated June 1982 (or later), applicable to P/N 2380066-11, -21, -26, -44, -47, -50, -51, -67, -69 thru -73, -75, and -79 thru -81. **1,800 Hours** NA

C2213012 Disassemble yaw servo (clutch-type) (P/N 2380066). Clean and inspect for corrosion. Relubricate, assemble, and replace motor and clutch brushes as required. NOTE: In order to accomplish this requirement, the performing facility must possess Repair Manual No. RM-103, dated June 1982 (or later), applicable to P/N 2380066-11, -21, -26, -44, -47, -50, -51, -67, -69 thru -73, -75, and -79 thru -81. **600 Hours** NA

C2213013 Replace yaw servo (clutch-type) (P/N 2380066) bearings. NOTE: In order to accomplish this requirement, the performing facility must possess Repair Manual No. RM-103, dated June 1982 (or later), applicable to P/N 2380066-11, -21, -26, -44, -47, -50, -51, -67, -69 thru -73, -75, and -79 thru -81. **1,800 Hours** NA

C2213014 Disassemble pitch servo (clutch-type) (P/N 2380066). Clean and inspect for corrosion. Relubricate, assemble, and replace motor and clutch brushes as required. NOTE: In order to accomplish this requirement, the performing facility must possess Repair Manual No. RM-103, dated June 1982 (or later), applicable to P/N 2380066-11, -21, -26, -44, -47, -50, -51, -67, -69 thru -73, -75, and - 79 thru -81. **600 Hours** NA

C2213015 Replace pitch servo (clutch-type) (P/N 2380066) bearings. NOTE: In order to accomplish this requirement, the performing facility must possess Repair Manual No. RM-103, dated June 1982 (or later), applicable to P/N 2380066-11, -21, -26, -44, -47, -50, -51, -67, -69 thru -73, -75, and -79 thru -81. **1,800 Hours** NA

Q2740021 Horizontal Stabilizer Actuator - Perform Overhaul. NOTE: In order to accomplish this requirement, the performing facility must possess the required Repair Manuals and Special Test Equipment. **600 Hours** 5357 5957

R3500018 *On aircraft equipped with a Dorsal Oxygen System or Dual Oxygen System,* perform ICC Hydrostatic Test on oxygen cylinder (steel, DOT3AA1800). NOTE: Initial time count for testing of this item shall commence from the manufacturing date stamped on the item. **5 Years** 5-08 5-13

R3500023 Oxygen Cylinder (steel, DOT3HT1850) - Perform Hydrostatic Test. *(Effective on Aircraft equipped with a Dorsal Oxygen System or Dual Oxygen System.)* NOTE: Initial time count for testing of this item shall commence from the manufacte date stamped on the item. **3 Years** NA

ENGINE

P7100025 Refer to GE Engine Maintenance Manual (SEI-186) for inspection requirements. NOTE: Refer to GE Engine Maintenance Manual (SEI-186) for these and any additional inspection requirements. Engine inspections should be logged in appropriate engine log book.
Per manufacturer's instructions pg 3

L7120010 Perform Inspection/Check of forward and aft engine mount isolators and associated parts. NOTE: This inspection/check not required if performed within the last 200 hours.
During major engine inspection/ unscheduled engine change ✓

E7120023 Engine yokes for cracks at lightening holes, fasteners, engine mount attachments, and welds.
During major engine inspection/ unscheduled engine change ✓

P7830087 On aircraft equipped with Dee Howard thrust reversers, refer to Dee Howard (DHP-G-25-1) Thrust Reverser Maintenance Manual for inspection, servicing, and lubrication requirements. NOTE: Refer to Dee Howard (DHP-G-25-1) Thrust Reverser Maintenance Manual for these and any other inspection, servicing, and lubrication requirements.
Per manufacturer's instructions NA

FUSELAGE

L5210025 Visually inspect exterior lower cabin structure, fuselage door cut-out framing members, and hinge area for evidence of corrosion. If corrosion is found, remove door access panels and inspect for evidence of corrosion on inner structure.
24 Months 5-6-10 5-6-12

M5600009 Cabin Windows - Perform Optical Prism Inspection. (Refer to NDI Manual [NDI-1], Part 4, 56-10-01.) One time only, after window replacement.
600 Hours R4 5357 5957

C5610020 Windshield: Using prism techniques, inspect the fastener area of the windshield for cracks normal to windshield surface, particularly adjacent to fastener locations. Also inspect for delaminations running parallel to windshield surface at fastener holes and trimmed edges of windshield. NOTE: A copy of the Larascope Inspection Report shall be forwarded to Learjet Maintenance Engineering. This inspection to be performed (one time only) after windshield replacement. New L+R 10-24-05
600 Hours 5356 5956

LANDING GEAR

R3244022 RH Gear Down Safety Switch and Anti-Skid Electrical Contacts - Perform Functional Test. (Refer to 32-30-02.) *(Effective on Aircraft not modified per AAK 86-2, "Installation of Parking Brake Annunciator".)*
300 Hours, 1200 Hours Repeat 5888 7088

C3255001 Inspect Nose Wheel Steering Actuator (P/N 6608278) per J.E.T. Instruction Manual TP-267.
2,000 Hours 4025 6025

C3260000 Disassemble nose wheel steering servo (P/N 2380066). Clean and inspect for corrosion. Relubricate, assemble, and replace motor and clutch brushes as required. NOTE: In order to accomplish this requirement, the performing facility must possess Repair Manual No. RM-105, dated September 1979 (or later), applicable to P/N 2380066-12, -22, -43, -62, -68, and -76 thru -78.
600 Hours NA

C3260001 Inspect, replace, or repair nose wheel steering servo (P/N 2380066) commutator.NOTE: In order to accomplish this requirement, the performing facility must possess Repair Manual No. RM-105, dated September 1979 (or later), applicable to P/N 2380066-12, -22, -43, -62, -68, and -76 thru -78.
1,800 Hours NA

C3260002 Replace nose wheel steering servo (P/N 2380066) bearings.NOTE: In order to accomplish this requirement, the performing facility must possess Repair Manual No. RM-105, dated September 1979 (or later), applicable to P/N 2380066-12, -22, -43, -62, -68, and -76 thru -78.
1,800 Hours NA

NOSE

R3500022 Oxygen Cylinder (steel, DOT3HT1850) - Perform Hydrostatic Test. NOTE: Initial time count for testing of this item shall commence from the manufacturing date stamped on the item. **3 Years** NA

R3610004 Kidde Emergency Air Bottle - Perform Visual Inspection. NOTE: Visual inspection of the emergency air bottle shall include both interior and exterior visual inspection. Initial time count for inspection of this item shall commence from the manufacturing date stamped on the item.
1 Year NA

R3610006 Emergency Air Bottles (P/N 6600194-6) - Perform Visual Inspection and ICC Hydrostatic Test.
WARNING: DO NOT METAL STAMP TAVCO AIR BOTTLES.
NOTE: Inspection and testing of emergency air bottles shall be accomplished at an authorized testing facility using adequate safety precautions or bottles may be exchanged for tested units. Initial time count for testing of this item shall commence from the manufacturing date stamped on the item. **6 Years** NA

R3610043 Emergency Air Bottles (P/N 6600194-1, -2, -3, -4, -5) – Perform Visual Inspection and ICC Hydrostatic Test.
WARNING: DO NOT METAL STAMP TAVCO AIR BOTTLES.
NOTE: Visual inspection of the emergency air bottle shall include both interior and exterior visual inspection. Initial time count for testing of this item shall commence from the manufacturing date stamped on the item.
Every 3 Years until 15 Years NA

R3610053 Emergency Air Bottles (P/N 6600194-1, -2, -3, -4, -5) - Perform X-Ray Inspection.
WARNING: DO NOT METAL STAMP TAVCO AIR BOTTLES.
NOTE: Initial time count for inspection of this item shall commence from the manufacturing date stamped on the item. **9 and 12 Years** NA

R3610054 Emergency Air Bottles (P/N 6600194-1, -2, -3, -4, -5) - Perform Visual Inspection, Hydrostatic Test, X-Ray, and Magnetic Particle Inspection.
WARNING: DO NOT METAL STAMP TAVCO AIR BOTTLES. New 1993
NOTE: Visual inspection of the emergency air bottle shall include both interior and exterior visual inspection. Initial time count for testing of this item shall commence from the manufacturing date stamped on the item.
15 Years, and every 2 Years thereafter 4-10 4-12

R3610055 Emergency Air Bottles (P/N 6600194-6) - Perform X-Ray Inspection.
WARNING: DO NOT METAL STAMP TAVCO AIR BOTTLES.
NOTE: Inspection and testing of emergency air bottles shall be accomplished at an authorized testing facility using adequate safety precautions or bottles may be exchanged for tested units. Initial time count for inspection of this item shall commence from the manufacturing date stamped on the item. **12, 24, 30 Years** NA

R3610059 Kidde Emergency Air Bottle - Perform ICC Hydrostatic Test and X-Ray Inspection (X-Ray applies to containers fabricated by welding). NOTE: Initial time count for inspection of this item shall commence from the manufacturing date stamped on the item. **3 Years** NA

TAILCONE

D2150007 Perform refrigeration compressor motor brush wear inspection. *(Effective on aircraft modified per SB 23/24/25-21-6, "Installation of Cooling System Compressor Motor Hour Meter.")* Refrigeration compressor motor hours. **600 Hours** NA

L2150020 Perform functional test of refrigeration system pressure switch. (Refer to 21-50-05.) *(Effective on aircraft modified per SB 23/24/25-21-6, "Installation of Cooling System Compressor Motor Hour Meter.")* Refrigeration compressor motor hours. **600 Hours** NA

H2150022 Perform a fluorescent penetrant inspection of the air conditioner compressor motor fan blades. *(Effective on aircraft modified per SB 23/24/25-21-6, "Installation of Cooling System Compressor Motor Hour Meter.")* NOTE: Particular attention should be given to the fan blades in the area of the hub. Refrigeration compressor motor hours. **1200 Hours** NA

B2432010 Inspect battery installation as follows: Battery cases for condition and that lids are properly secured. Structure under batteries for traces of electrolyte or corrosion. Battery vent tubes for kinks, obstructions, and security of attachment. Vent fittings and inlet and outlet fittings for obstructions, corrosion, and security of attachment. **6 Months** 7-8-11 1-8-12

E2562001 Functional test the drag chute (if installed). Statically deploy (using adequate precautions) to check release mechanism. Inspect and repack drag chute. **6 Months** 7-8-11 1-8-12

Q2620025 Perform ICC Hydrostatic Test of engine fire extinguisher container. NOTE: Time count for replacement, overhaul, or testing of this item shall commence from the manufacturing date stamped on the item. **5 Years** 5-07 5-12

P2620042 Check engine fire extinguisher container pressure gage for proper pressure, and plumbing for condition and security. **6 Months** 7-8-11 1-8-12

WING

H2750044 Flap Cam Follower Bearings - Perform detailed visual inspection of bearing. **1200 Hours** 5357 6557

H2750047 Sheet Metal Track Attach Fittings - Perform visual inspection. (Refer to 5-10-00.) *(Effective on Aircraft 25-061, 25-070 thru 25-204, except 25-135 and 25-188, not modified per SSK 972, "Replacement of Flap Attach Fittings".)* NOTE: Confirm any suspect condition with supporting eddy current or fluorescent penetrant inspection. **1,200 Hours** NA

M2812003 Remove outboard wing lower access covers (located next to tip tanks). Inspect tip tank flapper valves for freedom of movement, security, uniform contact, and general condition. Inspect the inner wing structure for fatigue cracks, bacterial growth, and corrosion. If corrosion exists at this location, remove all lower surface access plates and inspect remaining wing structure. (Refer to 28-12-06.) Effective on aircraft with P/N S-461 tip tank flapper valve installed. **24 Months** 5-6-10 5-6-12

L2812020 On RH and LH wings, remove the inboard access covers from WS 72 (forward and middle cover) and the inboard spar 5 vertical access plate. Inspect wing flapper valves for freedom of movement, security, and general condition. Inspect adjacent interior structure for corrosion, fatigue cracks, loose or missing fasteners, and bacterial growth. NOTE: This inspection includes the flapper valves from WS 53 inboard to WS 0.0. **24 Months** 5-6-10 5-6-12

R2812011 Defuel tip tanks, remove upper access covers, and inspect tip tanks as follows:

a. *On aircraft equipped with fuel jettison systems,* using an explosion-proof light, inspect fuel jettison tubes (both inside and outside the tip tank) for foreign material, grit, and dust. Perform operational check of fuel jettison shutoff valves and verify that the fuel jettison shutoff valves open and close properly. Verify proper operation of the fuel control panel indicator light.

b. Using an explosion-proof light, inspect interior surface for loose or separated sealant and especially at the bulkhead/skin interfaces for bacterial growth and corrosion. Bacterial growth is identified by a dark sludge on the skin surface. Inspect entire tank for foreign matter, dirt, and water. NOTE: Tip tanks may contain a blue-gray sludge on the skin surface which is not a bacterial growth.

c. Inspect forward and aft corners of tip tank mount casting for cracks. (See Figure 1.)

d. Inspect conduit inside tip tank filler area for nicks, gouges, flat spots, and holes.

e. Inspect area of the sump drain valve for integrity of tank coating and for any corrosion.

f. Install access covers and refuel aircraft. Check fuel tanks and fuel jettison shutoff valves (when installed) for leaks. **24 Months** 5-6-10 5-6-12

P5710145 Inspect inboard dry bay of wing adjacent to fuselage and forward of spar 2 for cracks, primer condition, and corrosion. Check that moisture drain holes are free of obstructions. **24 Months** 5-6-10 5-6-12

H5750046 Flap Track Support Fittings - Perform detailed visual inspection. **1,200 Hours** 5357 6557

REPLACEMENT SCHEDULE

1. Description

A. This schedule is a list of equipment which shall be replaced by serviceable components at the intervals specified. Items not listed are considered "On Condition" items and will be replaced only as necessary. All intervals are in hours unless otherwise indicated.

B. Replacement Items that are identified by one asterisk (*) are mandatory replacement items by FAA certification basis and cannot be changed, increased, or deleted without the approval of the certification airworthiness authority. These items reflect the contents of FAA approved report 25-S47, which is referred to in the aircraft Type Data Sheet A10CE. The inspection tolerances listed in the Inspections section are not applicable to those items with one asterisk.

C. Replacement Items that are identified by two asterisks (**) are part of the manufacturer's recommended maintenance program and can be adjusted according to the tolerances listed in the Allowable Inspection Tolerances section. Vendor recommendations, service experience, and engineering assessment are all factors considered in these recommendations.

D. All item part numbers will not be listed. The intent is to replace an item at the specified interval based on use, wear, stress or fatigue, and not based on part number. If a part number change affects the time change interval, that change will be documented separately. The IPC addresses effectivities and replacement spare parts, which have the same service life as the original part, unless otherwise noted.

E. Replacement part dash numbers are deleted to avoid confusion when ordering parts.

2. Replacement Items

IRN SYSTEM AND COMPONENT INTERVAL

G2820002 ** All Fuel Hose Assemblies (excluding all hoses in engine nacelle area) in Aircraft. (Pressure). NOTE: Excludes vent and expansion line hoses.
12 Years/6,000 Landings Teflon Steel O/C

G2900001 ** Hydraulic Hose Assemblies (excluding hoses for the landing gear and those hose assemblies in the engine nacelle area.) NOTE: *On Aircraft equipped with Teflon steel-braided hoses*, these hoses are not life limited and shall be replaced as condition dictates.
12 Years/6,000 Landings Teflon Steel O/C

CENTER SECTION

E5322000 ** Keelbeam Attachment Bolts. NOTE: On aircraft that have already accomplished a 12 Year Inspection, replace bolts at next 1,200 Hour Inspection or 12,000 flight hours, whichever occurs first.
12 Years/6,000 Landings 3-19-09 3-19-21

L2431051 ** Right Essential Bus (40 Amp) Circuit Breaker (if installed).
12 Years/6,000 Landings 3-8-06 3-8-18

L2431053 ** Left Essential Bus (40 Amp) Circuit Breaker (if installed).
12 Years/6,000 Landings 3-8-06 3-8-18

G2431055 ** MAIN BUS TIE (50 Amp) Circuit Breaker.
12 Years/6,000 Landings 3-8-06 3-8-18

F256600 **CVR/FDR ULB Battery. Replace on or
Before battery replacement date 4-2014

EMPENNAGE

F2720014 ** Primary Rudder Control System Cables. NOTE: Replacement time applies to primary control systems only. Roll, pitch, and yaw servo cables are replaced as required. (Refer to Chapter 27 for control cable damage limits.) **2,400 Hours** 4783 7183

E2720019 * Rudder Installation (Surface, Hinges, and Hinge Support).
20,000 Hours 20K

F2730015 * Primary Elevator Control System Cables. NOTE: Replacement time applies to primary control systems only. Roll, pitch, and yaw servo cables are replaced as required. (Refer to Chapter 27 for control cable damage limits.) **2,400 Hours** 4783 7183

E2730018 * Elevator Installation, including torque tube, bellcranks, dual push/pull tubes (2434000 and 2334001). **20,000 Hours** 20K

E2730020 * Hinge Brackets (2332013 Outboard, 2332018 Center, and 2332019 Inboard) (Located on Horizontal Stabilizer Assembly). **20,000 Hours** 20K

E2740010 * Horizontal Stabilizer Hinge Pin. (2331028) **20,000 Hours** 20K

G2740011 * Horizontal Stabilizer Actuator Attach Bolts. (NAS464P6) NOTE: There may be some variation in grip lengths among these bolts. Refer to the parts catalog for each case. There is no difference in replacement lives. **12 Years/6,000 Landings** 7-13-06 7-13-18

R3500054 Oxygen cylinder (steel, DOT3HT1850) - Replace *(Effective on aircraft equipped with a Dorsal Oxygen System or Dual Oxygen System.)* NOTE: Initial time count for replacement of this item shall commence from the manufacturing date stamped on the item. **24 Years** N/A

ENGINE

G7110021 ** Fuel hose assemblies inside engine nacelle area. NOTE: *On Aircraft equipped with Teflon steel-braided hoses*, these hoses are not life limited and shall be replaced as condition dictates. **2,400 Hours or 5 Years** Teflon Steel O/C

G7110022 ** Hydraulic hose assemblies in the engine nacelle area (including hose assemblies attached to the hydraulic pump and terminating at the firewall). NOTE: *On Aircraft equipped with Teflon steel-braided hoses*, these hoses are not life limited and shall be replaced as condition dictates. **2,400 Hours or 5 Years** Teflon Steel O/C

E7120042 * Engine Yoke Assembly. (2351038) **20,000 Hours** 20K

E7120043 * Engine Pad Assembly (2351032-9), which consists of the following: Bolt (2351032-6) NOTE: There may be some variations in the grip lengths among these bolts. Refer to the parts catalog for each case. There is no difference in replacement lives. Nut-Lock (2351032-7) Nut (2351032-8) Engine Mounting Rod End (REM-6TH) Engine Mounting Upper Pad (2351031-3) **20,000 Hours** 20K

E7120044 ** Engine Mounting Bolt - Forward. (NAS464P6A39) **20,000 Hours** 20K

E7120045 ** Engine Mounting Bolt - Lower Rear. (NAS464P8A68) **20,000 Hours** 20K

E7120046 ** Engine Mounting Bolt - Upper Rear. (NAS464P6L20) **20,000 Hours** 20K

E7120047 ** Engine Mounts. (LM-308 Top, Forward, Inboard) #1 5067 10067
Engine Overhaul #2 1965/4103 6965/9103

J7930003 ** Engine Oil Vent Hose. At every
Hot section inspection 2-9-98 Hot Sect.

J7930004 ** Engine Oil Pressure Hose. At every
Hot section inspection 2-9-98 Hot Sect

FUSELAGE

E5210093 * Upper Door Mechanism Handle Shaft Bolt, 3/16 (2311490, made from AN3-21, 36-inch door). *(Effective on Aircraft 25-061 and 25-070 thru 25-238 not modified per AMK 78-2, "Replacement of Door Handle Mechanism for the 36-Inch Cabin Door.")* NOTE: There may be some variations in grip lengths among these bolts. Refer to the parts catalog for each case. There is no difference in replacement lives. **3,000 Hours** N/A

LANDING GEAR

G3210003 ** Hydraulic hose assemblies attached to the main and nose gear actuators, main gear door actuators, and the main and nose gear uplatch actuator. NOTE: *On Aircraft equipped with Teflon steel-braided hoses*, these hoses are not life limited and shall be replaced as condition dictates. 1,500 hour replacement of hoses is only applicable to those hoses directly attached to respective actuator.
1,500 Hours or 5 Years Teflon Steel G/C

E3211062 * Main Gear Strut (with Cylinder Assembly 2441011) and Actuator, sod runway landings only. (Aircraft approved for unpaved runway operations.)
1,800 Landings NA

E3211064 * Nose Gear Strut (2342100) and Actuator (2317100). (Sod runways only.) (Aircraft approved for unpaved runway operations.)
5,000 Landings NA

E3211068 * Main Gear Strut (with Cylinder Assembly 2341101) (Hard surface runway landing only).
9,000 Landings NA

F3211075 * Main Gear Strut (with Cylinder Assembly 2441011). (Hard surface runway landings only.) NOTE: Incorporation of SSK 930, "Replacement of Main Landing Gear Upper Cylinder" does not "zero time" the overall assembly to allow an additional 12,000 landings before replacement.
12,000 Landings 12000

E3211078 * Main Gear Actuator Attach Pin. (2341109)
12,000 Landings 12000

E3211080 * Main Gear Actuator Pillar Assembly (2341123-1 and -14).
18,000 Landings 18000

E3211082 * Nose Gear Strut. (2342100) (Hard surface runway landings only.)
20,000 Landings 20K

E3211083 * Nose Gear Actuator. (2317100) (Hard surface runway landings only.)
20,000 Landings 20K

E3211084 * Main Gear Actuator Attach Pin. (5441101)
20,000 Landings NA

E3211085 * Main Gear Actuator Pillar Assembly. (2341123-18)
20,000 Landings NA

E3211087 * Main Gear Actuator. (2327100) (Hard surface landing only.)
20,000 Landings 20K

E3211088 * Main Gear Strut (with Cylinder Assembly 2441011) and Actuator, combination of hard surface runway landings and sod runway landings. *(Aircraft approved for unpaved runway operation.)* NOTE: To compute total number of landings, apply the following formula: (6.67 x LSOD) + (1 x LHARD) ‹12,000 landings
The formula reads "six and sixty seven one hundreths times the number of sod runway landings plus one times the number of hard surface runway landings shall be equal to or less than
12,000 landings NA

EXAMPLE: Total number of sod runway landings = 1000 Total number of hard surface runway landings = 4330 (6.67 x 1000) + (1 x 4330) = 11,000 computed total landings In this case there are 11,000 computed total landings. This means that there are only 1000 computed total landings allowed before the strut must be replaced.

E3211089 * Nose Gear Strut and Actuator (combination of hard surface runway landings and sod runway landings). *(Aircraft approved for unpaved runway operation).* NOTE: To compute total number of landings, apply the following formula: (4 x LSOD) = (1 x LHARD) ‹ 20,000 landings The formula reads "four times the number of sod runway landings plus one times the number of hard surface runway landings shall be equal to or less than **20,000 landings** NA
EXAMPLE: Total number of sod runway landings = 1500 Total number of hard surface runway landings = 5000 (4 x 1500) + (1 x 5000) = 6,000 + 5,000 = 11,000 computed total landings In this case there are 11,000 computed total landings. This means that there are only 9,000 computed total landings allowed before the strut must be replaced.

P3211091 DELETED

F3211094 DELETED.

Q3211099 * Main Gear Strut (with Cylinder Assembly 3141100).
16,500 Landings NA

G3233004 ** Emergency air hose assemblies for landing gear emergency extension and emergency braking systems.
12 Years/6,000 Landings Teflon Steel O/C

G3243040 ** Hydraulic brake hose assemblies located on the strut and in the wheel well area. NOTE: *On Aircraft equipped with Teflon steel-braided hoses*, these hoses are not life limited and shall be replaced as condition dictates. **2,400 Hours or 5 Years** Teflon Steel O/C

TAILCONE

H2620035 ** Engine fire extinguisher cartridges (Walter-Kidde). (841155) NOTE: On Walter-Kidde cartridges, cartridge replacement time interval shall begin from the date of manufacture stamped on the cartridge. **6 Years** NA

H2620036 **Engine fire extinguisher cartridges (Walter-Kidde). (841155-1) NOTE: On Walter-Kidde cartridges, cartridge replacement time interval shall begin from the date of manufacture stamped on the cartridge. **10 Years** NA

N2620040 ** Engine fire extinguisher cartridges. (HTL) NOTE: On HTL cartridges, cartridge replacement time interval shall begin from the date of manufacture stamped on the cartridge.
6 Years 12-07 12-13

NOSE

R3500053 Oxygen cylinder (steel, DOT3HT1850). NOTE: Initial time count for replacement of this item shall commence from the manufacturing date stamped on the item. **24 Years** NA

R3610056 Emergency Air Bottles (P/N 6600194-6). NOTE: Initial time count for replacement of this item shall commence from the manufacturing date stamped on the item. **40 Years** NA

R3610060 Kidde Emergency Air Bottle. NOTE: Initial time count for replacement of this item shall commence from the manufacturing date stamped on the item. **15 Years** NA

WING

F2710009 * Primary Aileron Control System Cables. NOTE: Replacement time applies to primary control systems only. Roll, pitch, and yaw servo cables are replaced as required. (Refer to Chapter 27 for control cable damage limits.) **2,400 Hours** 4783 7183

E2710011 * Aileron Drive Yoke Bolt. (NAS1304-34H, NAS1104-38D, or NAS464P4A33 and AN320-4 Nut) NOTE: There may be some variation in grip lengths among these bolts. Refer to the parts catalog for each case. There is no difference in replacement lives. **3,600 Hours** 2550 6150

E2710015 * Aileron Center Hinge Bolt. (AN4H12A or AN4H13A) NOTE: There may be some variation in grip lengths among these bolts. Refer to the parts catalog for each case. There is no difference in replacement lives. **3,600 Hours** 2550 6150

G2710016 * Aileron Assembly. **20,000 Hours** 20K

E2710020 * Aileron Clevis Bolt. (NAS464P4) NOTE: There may be some variation in grip lengths among these bolts. Refer to the parts catalog for each case. There is no difference in replacement lives. **20,000 Hours** 20K

E2710023 * Aileron Pulley Assembly. (2324513) **20,000 Hours** 20K

E2710025 * Aileron Clevis. (2324512 or 2324517) **20,000 Hours** 20K

E2710026 * Aileron Yoke Assembly. (2324511) **20,000 Hours** 20K

E2710030 * Aileron Bearing Support Assembly. (2324510) **20,000 Hours** 20K

E2710031 * Aileron Hinge Bracket Assembly. (2322530) **20,000 Hours** 20K

E2750002 ** Flap Nose Roller Bushings. (NAS76A4) **1,200 Hours** 5888 7088

H2750009 * Outboard Flap Track Support. (2322512) (Machined from bar stock.) NOTE: The -3 L/H outer support mates with the -5 L/H inner support. The -4 R/H outer support mates with the -6 R/H inner support. These mating parts are replaceable as matched sets only. Forged parts are not life-limited and are identified by a -497 following the basic part number. For example: 2322512 -3-497 will be a forged part. Parts machined from bar stock will be determined by only the basic part number. For example: 2322512-3. **11,900 Hours** 11,900

E2750015 * Flap Assembly. (2325010) NOTE: 2625010 assemblies are not life limited. **19,300 Hours** 19,300

F2750017 * Inboard Flap Hinge Fitting (on flap). (2625023) NOTE: Inboard flap track hinge fitting (2625023) is riveted to wing flap assembly (2625010), which has no specific life limit and does not require replacement. **20,000 Hours** 20K

F2750019 * Outboard Flap Hinge Fitting (on flap). (2625024) NOTE: Out board flap track hinge fitting (2625024) is riveted to wing flap assembly (2625010), which has no specific life limit and does not require replacement. **20,000 Hours** 20K

E2750021 * Inboard and Outboard Flap Track Assembly. (2325022) **20,000 Hours** 20K

E2750023 * Inboard Nose Roller Track. (Flap) (2322511) **20,000 Hours** 20K

E2750024 * Outboard Nose Roller Track. (Flap) (2322512) **20,000 Hours** 20K

G2750034 ** Wing Flap Sector Mounting Bolt which secures Flap Sector. (NAS1305-42H) **12 Years/6,000 Landings** 3-19-09 3-19-21

E2760055 * Spoiler Actuator Bolt, Nut, and Cotter Pin. *(Effective on Aircraft 25-061 and 25-070 thru 25-114 not incorporating AMK 73-1, "Replacement of Spoiler Actuator Bracket".)* NOTE: In accordance with AD 72-15-03 and SB 24/25-237. **500 Hours** N/A

K2812001 ** Tip tank flapper valves (2323006-5).

5 Years N/A

S5210102 ** Upper Door Torsion Bar Bolts (NAS1003-12H). (Refer to 52-10-01.) *(Effective on Aircraft with 36 inch doors installed and on Aircraft with 24 inch doors installed modified by SB 24/25-52-5.)*NOTE: On Aircraft that have already exceeded 12 Years or 6,000 Landings,perform replacement at next 600 Hour/24 Month B2 Inspection. **12 Years/6,000 Landings** 5-6-12